

**Amendments to the Specification:**

Please replace paragraph [0020] as follows:

A<sup>1</sup>

[0020] The present invention is a process and system which uses the forward shared channel of the prior art, such as, but not limited to, Fig. 1 to provide high speed packet data services for multiple MSs with a controlled QoS. The invention controls (1) the selection of which MS is to receive a next transmission on the forward ~~share~~-shared channel and (2) which MCS method is to be used to maintain or improve QoS in the transmissions to the MS. The fulfillment of a QoS requirement for each MS and optimal radio resource management are important functions provided by the BTS by the present invention. The invention uses MS measurement feedback and selection of a MCS from a group of selectable MSC to achieve the above performance benefits.

A<sup>2</sup>

[0021] Fig. 2 illustrates a flow chart of the process steps for scheduling of the next MS to receive a transmission of data packets on the shared forward channel and MCS selection from a selectable group of MCSs by the BTS which are performed by at least one processor in each of the BTS and in each MS (not illustrated). At point 100, the BTS receives the quality indication described below from the MS that has just received the transmission of ~~packet data~~-data packets on the forward shared channel. The quality indication includes the ratio of pilot channel to the interference from other cells, (e.g.  $E_c/N_t$ ) and the throughput